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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4181).

FEE TRANSMITTAL For FY 2009

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100.00

Complete if Known

Application Number	10/549,696	Conf. No.: 9538
Filing Date	September 19, 2005	
First Named Inventor	Junji TAKENAKA	
Examiner Name	J. FREEMAN	
Art Unit	1794	
Attorney Docket No.	1691-0209PUS1	

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kofasch & Birch, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below

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☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	330	165	540	270	220	110	0.00
Design	220	110	100	50	140	70	0.00
Plant	220	110	330	165	170	85	0.00
Reissue	330	165	540	270	650	325	0.00
Provisional	220	110	0	0	0	0	0.00

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity
52	26
220	110
390	195

Total Claims Extra Claims Fee (\$)

- 20 or HP = 0 x = 0.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = 0 x = 0.00

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)
	0.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(g).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = 0 / 50 = 0 (round up to a whole number) x = 0.00

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Certificate of Correction

Fee Paid (\$)

0.00

100.00

SUBMITTED BY

Signature

[Signature] #12874

Registration No. 32181
(Attorney/Agent)

Telephone 703-205-8000

Name (Print/Type) Marc S. Weiner

Date

SEP 29 2011

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Letters Patent of:

Junji TAKENAKA et al.

Patent No.: 8,012,596 B2

Confirmation No.: 9538

Issued: September 06, 2011

Art Unit: 1787

For: PHOTOCHROMIC LENS SUBSTRATE

Examiner: J. FREEMAN

REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 35 U.S.C. 255 AND 37 C.F.R. 1.323

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified patent, the errors shown in the attached PTO/SB/44 were noted. Specifically, the following corrections are requested:

IN THE TITLE PAGE:

At section (45), Date of Patent, insert an asterisk immediately before the date to indicate that the patent is subject to a Terminal Disclaimer, i.e., change "Sep. 6, 2011" to --*Sep. 6, 2011--.

At section (*), Notice, insert the following new Notice:

--This patent is subject to a terminal disclaimer.--

IN THE CLAIMS:

In claim 4, at column 26, commencing at line 15 to the end of the claim, change:

“2,2-bis[4-acryloyloxypolyethoxy]phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-methacryloyloxypolypropoxy]phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-methacryloyloxypolypropoxy]phenyl]propane (average value of (m + n) is 10),
bis[4-methacryloyloxypolyethoxy]phenyl]methane (average value of (m + n) is 4), and
bis[4-methacryloyloxypolyethoxy]phenyl]sulfone (average value of (m + n) is 4).”

to

--2,2-bis[4-(acryloyloxypolyethoxy)phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-(methacryloyloxypolypropoxy)phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-(methacryloyloxypolypropoxy)phenyl]propane (average value of (m + n) is 10),
bis[4-(methacryloyloxypolyethoxy)phenyl]methane (average value of (m + n) is 4), and
bis[4-(methacryloyloxypolyethoxy)phenyl]sulfone (average value of (m + n) is 4).--

Explanation of corrections:

In connection with the above corrections to the Title Page, a Terminal Disclaimer was filed during prosecution of the application on February 20, 2009, which Terminal Disclaimer was acknowledged and entered by the Examiner in the Advisory Action dated March 11, 2009.

In connection with the above-noted corrected to claim 4 (claim 4 was previously claim 15 during prosecution of the application), it will be noted that parentheses have been inserted around the terms “acryloyloxypolyethoxy” and “methacryloyloxypolyethoxy” and the bracket at the end of each of these terms has been deleted. A marked up copy of claim 4 is provided for the

convenience of the USPTO officials, with the corrections being shown by bold and underlined type at the lines denoted by an arrow in the left-hand margin.

The mistakes sought to be corrected are part of a clerical or typographical nature, or of minor character, at least one of which was not the fault of the PTO. The errors were made in good faith and do not involve such changes in the patent as would constitute new matter or require reexamination. The changes proposed are in accordance with the principles of chemical nomenclature, and are readily apparent as correct to persons skilled in the art.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

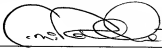
Please contact Richard Gallagher, (Reg. No. 28,781) at (703) 205-8008 with any questions concerning this application.

If necessary, the Director is hereby authorized in this, concurrent, and future replies to charge any fees required during the pendency of the above-identified application or credit any overpayment to Deposit Account No. 02-2448.

Dated:

SEP 29 2011

Respectfully submitted,

By  # 42,874
ps Marc S. Weiner
Registration No.: 32181
BIRCH, STEWART, KOLASCH & BIRCH, LLP
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Attachments

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 8,012,596 B2
APPLICATION NO. : 10/549,696
ISSUE DATE : September 6, 2011
INVENTOR(S) : Junji TAKENAKA et al.

Page 1 of 1

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE TITLE PAGE:

At section (45), Date of Patent, insert an asterisk immediately before the date to indicate that the patent is subject to a Terminal Disclaimer, i.e., change "Sep. 6, 2011" to --"Sep. 6, 2011--.

At section (*), Notice, insert the following new Notice:

--This patent is subject to a terminal disclaimer.--

IN THE CLAIMS:

In claim 4, at column 26, commencing at line 15 to the end of the claim, change:

"2,2-bis[4-(acryloyloxypropyloxy)phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-(methacryloyloxypropyloxy)phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-(methacryloyloxypropyloxy)phenyl]propane (average value of (m + n) is 10),
bis[4-(methacryloyloxypropyloxy)phenyl]methane (average value of (m + n) is 4), and
bis[4-(methacryloyloxypropyloxy)phenyl]sulfone (average value of (m + n) is 4)."

to -- 2,2-bis[4-(acryloyloxypropyloxy)phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-(methacryloyloxypropyloxy)phenyl]propane (average value of (m + n) is 4),
2,2-bis[4-(methacryloyloxypropyloxy)phenyl]propane (average value of (m + n) is 10),
bis[4-(methacryloyloxypropyloxy)phenyl]methane (average value of (m + n) is 4), and
bis[4-(methacryloyloxypropyloxy)phenyl]sulfone (average value of (m + n) is 4). --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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MSW/RG/sib

MARKED-UP COPY OF PATENT CLAIM 4

4. The photochromic lens substrate of claim 1,

wherein the polyfunctional polymerizable monomer represented by formula (1) is at least one selected from the group consisting of trimethylolpropane trimethacrylate, trimethylolpropane triacrylate, tetramethylolmethane trimethacrylate, tetramethylolmethane triacrylate, tetramethylolmethane tetramethacrylate, tetramethylolmethane tetraacrylate, trimethylolpropane triethylene glycol trimethacrylate, trimethylolpropane triethylene glycol triacrylate, ethoxylated pentaerythritol tetraacrylate, ethoxylated pentaerythritol tetramethacrylate, pentaerythritol trimethacrylate, pentaerythritol tetramethacrylate, caprolactam modified ditrimethylolpropane tetraacrylate, caprolactam modified ditrimethylolpropane tetramethacrylate and caprolactam modified dipentaerythritol hexaacrylate, and

wherein the bifunctional polymerizable monomer represented by formula (2) is at least one selected from the group consisting of:

2,2-bis[4-(methacryloyloxypolyethoxy)phenyl]propane (average value of $(m + n)$ is 2),

2,2-bis[4-(methacryloyloxypolyethoxy)phenyl]propane (average value of $(m + n)$ is 2.6),

2,2-bis[4-(methacryloyloxypolyethoxy)phenyl]propane (average value of $(m + n)$ is 4),

2,2-bis[4-(methacryloyloxypolyethoxy)phenyl]propane (average value of $(m + n)$ is 10),

2,2-bis[4-(methacryloyloxypolyethoxy)phenyl]propane (average value of $(m + n)$ is 30),

→ 2,2-bis[4-(acryloyloxypolyethoxy)phenyl]propane (average value of $(m + n)$ is 4),

→ 2,2-bis[4-(methacryloyloxypolypropoxy)phenyl]propane (average value of $(m + n)$ is 4),

→ 2,2-bis[4-(methacryloyloxypolypropoxy)phenyl]propane (average value of $(m + n)$ is 10),

→ bis[4-(methacryloyloxypolyethoxy)phenyl]methane (average value of $(m + n)$ is 4), and

→ bis[4-(methacryloyloxypolyethoxy)phenyl]sulfone (average value of $(m + n)$ is 4).